

Analysis of ground waters using the "Tsvet-3006" ion chromatograph

Vyacheslavova I., Klein L., Rakhmankulov S., Rydvanskii Y., Obrezkov O., Shpigun O.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Examples are given of the use of "Tsvet-3006" ion chromatographs for routine analysis of ground waters for the anion and cation contents. In the analysis of anions by the two-column ion chromatography method, the use of separation columns with an inner diameter 4 mm rather than 6 mm permits the time for determination of anions to be shortened by more than a factor of 2 and thus reduced to 12-15 min. The efficiency of separation of anions is shown to improve and the labor in the analysis of waters to decrease by a factor of 2-3. © 1998 Plenum Publishing Corporation.
